

POR TABLE TOOL  
BULLETIN 155

Electric Sanders

Electric Grinders

The Cincinnati

Electric Tappers

Electric Drills

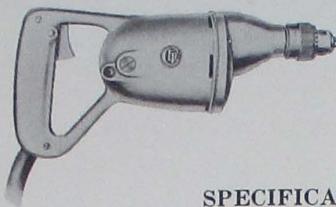
THE CINCINNATI ELECTRICAL TOOL CO.

Division of The R. K. Le Blond Machine Tool Co.

Madison and Edwards Roads

Cincinnati 8, Ohio

## 1/4" STANDARD DUTY DRILL



A light-weight low-priced drill for intermittent duty.

### SPECIFICATIONS

#### Type UL

Drilling capacity, in steel	1/4"
No load speed	2950 R.P.M.
Length overall	12"
Net weight	5 1/2 lbs.
Shipping weight	6 lbs.
Code word, 110 V.	ACE
" " 220 V.	ACID

## 1/4"-5/16"-3/8" HEAVY DUTY DRILLS



These rugged drills are especially built for production jobs of all kinds.

### SPECIFICATIONS

Type	ULS	UAS	UBS	UK
No load speed	1800	1600	1400	1200
Drilling capacity, in steel	1/4"	1/4"	5/16"	3/8"
Length overall	12"	13"	13 3/4"	14"
Net weight, lbs.	6	6 1/2	7	8
Shipping weight, lbs.	10	10	11	12
Code word, 110 V.	UHLAN	ACACIA	ACRE	ABODE
" " 220 V.	ULNAR	ACME	ACUTE	ADDER

DRILLING STANDS FOR ABOVE SHOWN ON PAGE 3

## 1/2" CAPACITY STANDARD DUTY SIDE HANDLE DRILL



An ideal tool for service stations and for maintenance in industrial plants, as well as for general production.

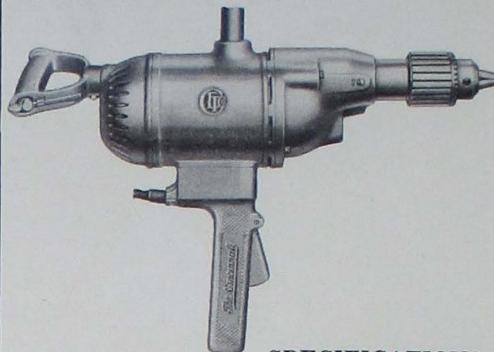
### SPECIFICATIONS

#### Type UO

No load speed	550 R.P.M.
Drilling capacity in steel	1/2"
Length overall	16 1/4"
Net weight	15 lbs.
Shipping weight	18 lbs.
Code word, 110 V.	ABUSE
" " 220 V.	ABOUND

DRILLING STANDS FOR ABOVE SHOWN ON PAGE 3

## 3/8"-1/2"-5/8"-3/4" Heavy Duty Drills



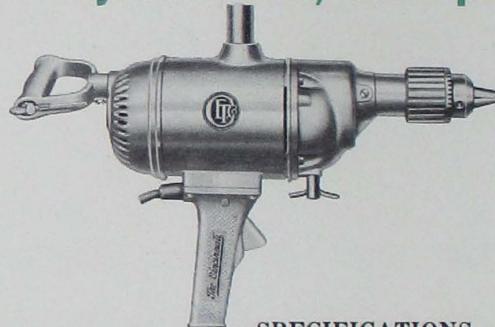
Particularly adapted for general production in metal working and all other industries.

FOR DRILL STANDS SEE PAGE 3.

### SPECIFICATIONS

Type	Volts	Drilling Capacity Steel	No Load Speed R. P. M.	Length Overall	Net Weight, Pounds	Shipping Weight, Pounds	Code Word
UT	110	3/8"	800	16"	14	20	ABOUT
UT	220	3/8"	800	16"	14	20	ABSENT
UH	110	1/2"	550	17"	17	25	ABET
UH	220	1/2"	550	17"	17	25	ACCORD
UE	110	5/8"	450	17 1/2"	19	30	ABACK
UE	220	5/8"	450	17 1/2"	19	30	ABIDE
UW	110	3/4"	425	21 1/4"	28	45	AGATE
UW	220	3/4"	425	21 1/4"	28	45	AGENT

## 1/2" and 5/8" Capacity Heavy Duty Syncro Mesh, Two Speed Drills

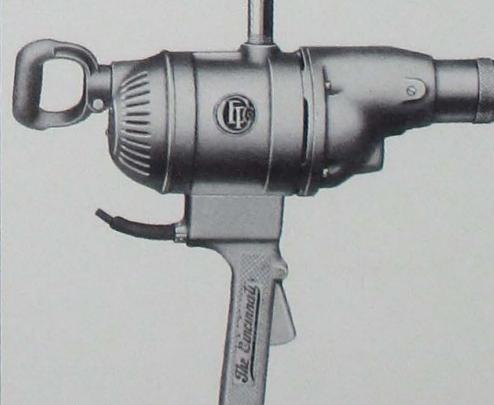


When necessary, speed may be changed by merely shifting change speed lever.

### SPECIFICATIONS

Type	Volts	Drilling Capacity Steel	No Load Speed R. P. M.	Length Overall	Net Weight, Pounds	Shipping Weight, Pounds	Code Word
UD	110	1/2"	550-800	18"	19	25	ALONG
UD	220	1/2"	550-800	18"	19	25	ABBEY
UED	110	5/8"	500-750	18 1/4"	20	28	ADRIFT
UED	220	5/8"	500-750	18 1/4"	20	28	ADVERB

## 7/8"-1"-1 1/4" Powerful Heavy Duty Drills



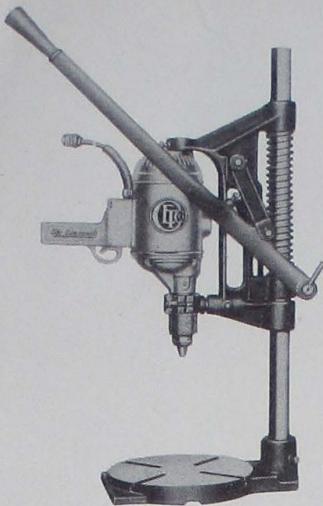
For drilling in structural steel, shipbuilding and heavy duty machine shop work.

FOR DRILL STANDS, SEE PAGE 3

### SPECIFICATIONS

Type	Volts	Drilling Capacity Steel	No Load Speed R. P. M.	Taper Socket	Length, Overall	Net Weight, Pounds	Shipping Weight, Pounds	Code Word
UN	110	7/8"	410	No. 2	18"	25	45	LEGION
UN	220	7/8"	410	No. 2	18"	25	45	LEASE
UP	110	1"	335	No. 3	19 1/2"	32	53	KASE
UP	220	1"	335	No. 3	19 1/2"	32	53	UMBER
UG	110	1 1/4"	290	No. 3	20"	35	55	URGE
UG	220	1 1/4"	290	No. 3	20"	35	55	USHER

# THE CINCINNATI ELECTRICAL TOOL CO.



## DRILL STANDS

No. 10 STAND for use with Types ULS, UAS, UBS, UK drills, N1, N2 screw drivers and UJ tapper.  
No. 12 STAND for use with Types UT and UO drills.

No. OO STAND for use with Drills  $\frac{1}{2}$ " to  $\frac{1}{4}$ " capacity.  
No. OOW Post Drill Stand. Furnished with mounting brackets for  $\frac{1}{2}$ " to  $\frac{1}{4}$ " capacity drills.

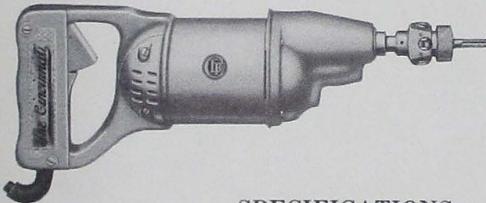
\*See Note below.  
\*The OO and OOW Drill Stands are furnished with one of the adaptors listed below as standard equipment. Please specify the adaptor required.

Adaptor "A" for use with types UT-UO  
Adaptor "B" for use with types UH-UE-UD-UED  
Adaptor "C" for use with types UW-UN  
Adaptor "D" for use with types UP-UG

## GENERAL SPECIFICATIONS

	No. 10	No. 12	No. OO	No. OOW
Height of Column .....	24"	30"	38"	38"
Diameter of Column .....	1 $\frac{1}{8}$ "	1 $\frac{3}{16}$ "	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "
Distance from center of Column to Center of Drill Bit .....	5 $\frac{3}{8}$ "	7"	7"	7"
Feed Travel .....	3"	4"	5"	5"
Maximum Distance from Base to Drill Chuck .....	14"	13 $\frac{7}{16}$ "	18"	14"
Size of Base .....	7 $\frac{1}{2}$ "x10 $\frac{3}{4}$ "	10 $\frac{1}{2}$ "x13"	10 $\frac{1}{2}$ "x13"	8" Dia.
Net Weight .....	23 lbs.	40 lbs.	45 lbs.	60 lbs.
Shipping Weight .....	38 lbs.	60 lbs.	75 lbs.	105 lbs.
Code Word .....	RACE	RABID	RANGER	RAPIER

## BALL BEARING TAPPER



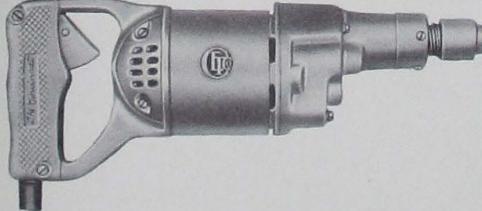
Designed for speeding tapping operations in all plants. No reversing switch necessary as the chuck automatically reverses with a backward pull after the hole is tapped.

### SPECIFICATIONS

#### Type UJ

Capacity: cast iron .....	$\frac{3}{8}$ "	Length overall .....	14"
brass & aluminum .....	$\frac{3}{8}$ "	Net weight .....	8 $\frac{1}{2}$ lbs.
steel .....	$\frac{1}{4}$ "	Gross weight .....	11 lbs.
Forward speed .....	350 R.P.M.	Code word, 110 V.	BADGE
Backward speed .....	500 R.P.M.	"	220 V. BAGGY

## SCREW DRIVERS AND NUT SETTERS



Indispensable for speeding up production in driving screws or setting nuts. Equipped with positive clutch on spindle. N 1 is suitable for driving wood screws.

screws up to No. 12, 2" long; lag screws up to  $\frac{1}{16}$ ", 3" long; nuts on bolts up to  $\frac{1}{4}$ " diameter. N 2 is suitable for driving wood screws up to No. 16, 3 $\frac{1}{4}$ " long; lag screws up to  $\frac{5}{16}$ ", 4" long; nuts on bolts up to  $\frac{3}{8}$ " diameter.

EQUIPMENT — Rubber-covered three-wire cable, attachment plug, two screwdriver bits with centering sleeves (or one socket wrench as selected).

When ordering sockets, specify whether hexagon or square and give dimension across flat of nut.

### SPECIFICATIONS

Type	Volts	No Load Speed R. P. M.	Length, Overall	Net Weight, Pounds	Shipping Weight, Pounds	Code Word
N 1	110	450	13 $\frac{3}{4}$ "	7	11	NABOB
N 1	220	450	13 $\frac{3}{4}$ "	7	11	NADIR
N 2	110	370	13 $\frac{3}{4}$ "	8	12	NAG
N 2	220	370	13 $\frac{3}{4}$ "	8	12	NATIVE

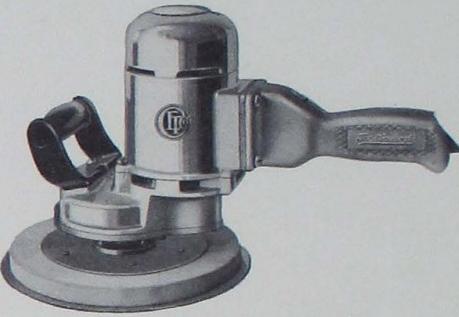
## SANDING AND POLISHING MACHINES

### Type BN 7" and EN 9" Heavy Duty Units



Especially suited for welding shops, foundries, machine shops, metal fabricators, etc.

### Type HN 9" Heavy Duty Sander



Built for continuous service. Equipped with patented moulded backing pad used with any conventional abrasive disc 9" diameter with  $\frac{7}{8}$ " hole.

Adaptors and guards for depressed center wheels can be furnished for all units. CAUTION — when using depressed center wheels or reinforced hub wheels, do not exceed speed indicated on manufacturers wheels.

### SPECIFICATIONS

Type	Volts (Specify)	Net Weight, Pounds	Diameter Abrasive Disc	Shipping Weight, Pounds	No Load Speed R. P. M.	Code Word Specify Voltage	Diameter Flexible Backing Pad
BN	110 or 220	12	7"	17	5000	NATION	7"
EN	110 or 220	15	9"	32	5300	NEPTUNE	7" or 9"
HN	110 or 220	16	9"	27	3500	NOBLE	9"

## PORTABLE ELECTRIC GRINDERS

Adapted for grinding rough castings, welded metal or for general grinding and buffing. Equipped with universal motors for A.C. and D.C. current.



### TYPE AH 5" GRINDER

### SPECIFICATIONS

Volts .....	110 or 220	Motor diameter and length overall .....	4 $\frac{1}{2}$ " x 20"
Speed .....	4600 R.P.M.	Net weight .....	17 lbs.
Wheel size .....	5" x 1"	Shipping weight .....	31 lbs.
Dia. shaft between flanges .....	$\frac{1}{2}$ "	Code word, 110 V. .... GRAPE	" 220 V. .... GRAVEL



### TYPE NSU 6" GRINDER

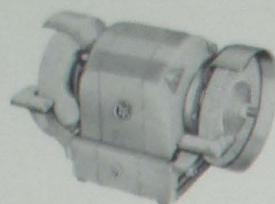
### SPECIFICATIONS

Volts .....	110 or 220	Motor diameter and length overall .....	5 $\frac{3}{8}$ " x 22 $\frac{3}{4}$ "
Speed .....	3600 R.P.M.	Net weight .....	27 lbs.
Wheel size .....	6" x 1"	Shipping weight .....	42 lbs.
Dia. shaft between flanges .....	$\frac{5}{8}$ "	Code word, 110 V. .... GALAXY	" 220 V. .... GALIC

# THE CINCINNATI ELECTRICAL TOOL CO.

## 6, 7, 8 AND 10" BENCH AND PEDESTAL GRINDERS

A practical group of GRINDERS engineered and designed to increase production efficiency. Ball bearing motors mounted in dust-proof housings. Furnished as illustrated.



**TYPE KEA 6" 1/4 H.P.**

Light Duty Grinder



**HEAVY DUTY  
1/2 H.P. GRINDERS**

Type KSA 7" A.C. bench type  
 " KPA 7" A.C. pedestal type  
 " KS 7" D.C. bench type  
 " KP 7" D.C. pedestal type



**TWIST DRILL GRINDING  
ATTACHMENT**

For grinding accurately and quickly straight and taper shank twist drills up to  $1\frac{1}{4}$ " diameter. When ordering, give Type and serial number of grinder with which attachment is to be used, so that proper adaptors may be furnished. We cannot furnish adaptors for grinders, of other than our own manufacture.



**PEDESTAL FOR  
6, 7 and 8" GRINDERS**



**TYPE KOAP 10" 1 H.P.  
PEDESTAL  
GRINDER**

Alternating Current



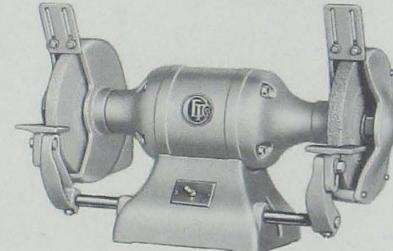
**HEAVY DUTY  
1/3 H.P. GRINDERS**

Type BBA 6" A.C. bench type  
 " PBA 6" A.C. pedestal type  
 " BB 6" D.C. bench type  
 " PB 6" D.C. pedestal type



**HEAVY DUTY  
3/4 H.P. GRINDERS**

Type VHA 8" A.C. bench type  
 " VPA 8" A.C. pedestal type



**TYPE KOA 10" 1 H.P.  
BENCH GRINDER**

Alternating Current

### ALTERNATING CURRENT SPECIFICATIONS

Type	Volts	H. P.	Load Speed R. P. M.	Wheel Size	Diameter of Shaft Between Flanges	Distance Bet. Wheels and Height to Center of Spindle	Size of Base at Bottom	Net Weight, Pounds	Shipping Weight, Pounds	Code Word
*KEA—Bench	115-60/50-1	1/4	3450-2800	6"x1 1/2"	1/2"	10"x6 1/2"	6"x6 1/2"	36	45	FROST
*BBA—Bench	115-60/50-1	1/4	3450-2800	6"x3/4"	1/2"	11 1/2"x6 1/4"	6 1/2"x7"	55	60	FAITH
*PBA—Pedestal	115-60/50-1	1/4	3450-2800	6"x3/4"	1/2"	10 1/4"x38"	16"x12"	128	190	SERVE
*KSA—Bench	115-60/50-1	1/2	3450-2800	7"x1"	5/8"	15 1/4"x7 3/4"	9"x10 1/4"	83	90	GULF
*KPA—Pedestal	115-60/50-1	1/2	3450-2800	7"x1"	5/8"	15 1/4"x39 1/4"	12"x16"	155	200	GUTTER
*VHA—Bench	115-60/50-1	3/4	3450-2800	8"x1"	5/8"	16"x7 1/2"	9"x10"	85	120	GUY
*VPA—Pedestal	115-60/50-1	3/4	3450-2800	8"x1"	5/8"	16"x38"	12"x16"	155	220	GYPSY
*KOA—Bench	115-60/50-1	1	1750	10"x1"	3/4"	20"x11 1/2"	10"x11"	150	185	LAMP
*KOAP—Pedestal	115-60/50-1	1	1750	10"x1"	3/4"	20"x43 1/2"	15"x20"	240	320	LEMON

\*Can also be supplied for 220-60 cycle single phase, 220-440-550 volts, 60 cycle, 3 phase, regular list price.

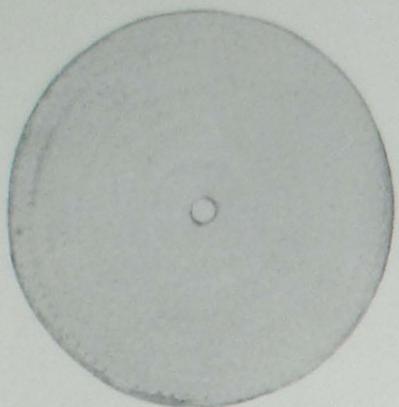
<sup>a</sup>Can also be furnished for 220 volts, 50 or 60 cycles, single phase (Add 10% to list price).

### DIRECT CURRENT SPECIFICATIONS

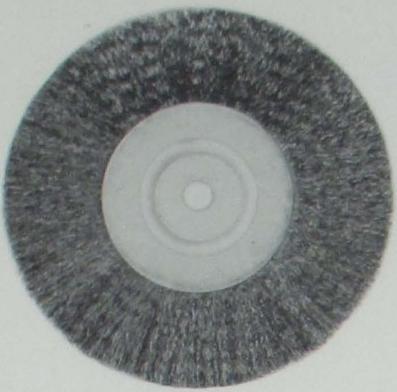
†BB—Bench	115 D.C.	1/3	3450	6"x3/4"	1/2"	13"x6"	7"x8"	55	70	FATAL
†PB—Pedestal	115 D.C.	1/3	3450	6"x3/4"	1/2"	13"x38"	16"x12"	125	180	SPACE
†KS—Bench	115 D.C.	1/2	3450	7"x1"	5/8"	15 1/4"x7 3/4"	9"x10 1/4"	78	90	GUSH
†KP—Pedestal	115 D.C.	1/2	3450	7"x1"	5/8"	15 1/4"x39 1/4"	12"x16"	155	200	GUZZLE

<sup>a</sup>Can also be supplied for 220 volts, regular list price. For 250 volts add 10% to list price.

*The Cincinnati*



SEWED RAG BUFFING WHEELS  
For sizes, see price sheet.



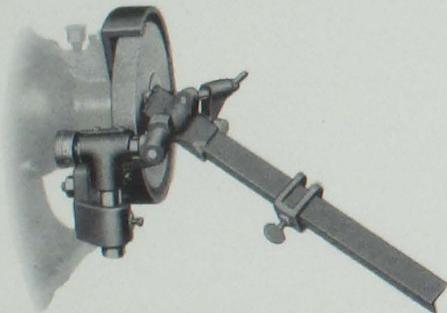
WIRE WHEEL BRUSHES  
For sizes, see price sheet.



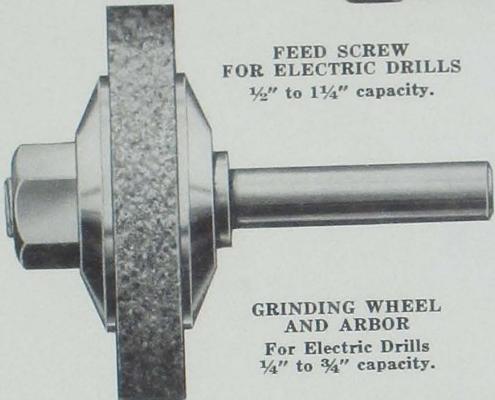
GRINDING WHEELS  
For sizes, see price sheet.



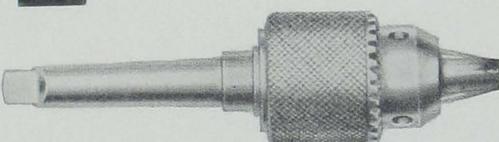
GRINDING OUTFIT  
For Types ULS, UAS, UBS, UK Drills.  
Cannot be used with Type UL  $\frac{1}{4}$ " Drill.



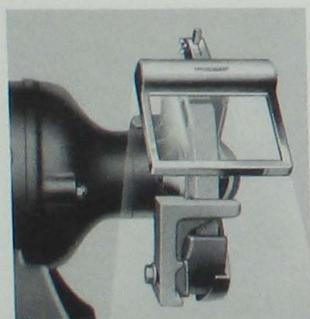
TWIST DRILL GRINDING ATTACHMENT  
For grinding accurately and quickly straight and taper shank twist drills up to  $\frac{1}{4}$ " diameter. When ordering, give Type and serial number of grinder with which attachment is to be used, so that proper adapter may be furnished.



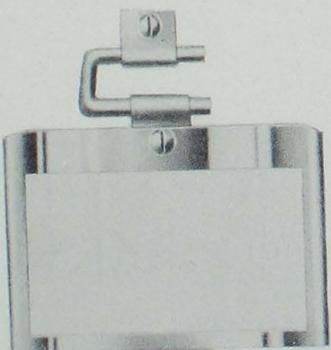
GRINDING WHEEL  
AND ARBOR  
For Electric Drills  
 $\frac{1}{4}$ " to  $\frac{3}{4}$ " capacity.



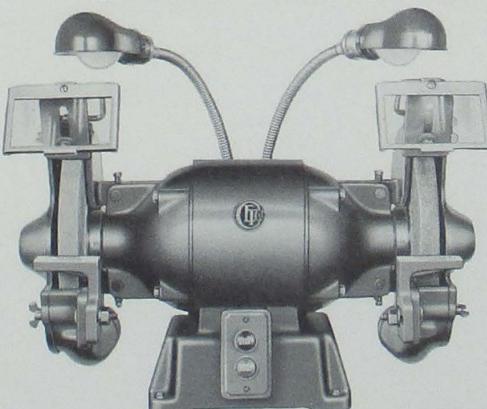
CHUCK WITH MORSE TAPER ARBOR  
 $\frac{1}{2}$ " chuck with No. 2 or No. 3 Arbor  
 $\frac{5}{8}$ " chuck with No. 2 or No. 3 Arbor  
 $\frac{3}{4}$ " chuck with No. 2 or No. 3 Arbor



ILLUMINATED SHATTERPROOF  
EYE-SHIELD



SHATTERPROOF  
GLASS EYE-SHIELD



FLEXIBLE LIGHT ARM  
Furnished singly, for small grinders or in pairs for larger units.

## TELEGRAPH CODE

DIAMOND.....	Wire price and delivery
RUBY.....	Wire best delivery
EMERALD.....	Enter order and ship via freight
PEARL.....	Enter order and ship via express
MOSAIC.....	Enter order and ship via Air Express
SAPPHIRE.....	Enter order and ship via parcel post
AMETHYST.....	Enter order and ship via parcel post special delivery
SARDONYX.....	Enter order and ship via Air Mail
CORAL.....	Enter order and wire delivery
MOONSTONE.....	Wire shipping date order
OPAL.....	When and how did you ship order?
QUARTZ.....	Trace shipment of order
CRYSTAL.....	Please hold order for further instructions
ONYX.....	Have you shipped order?
AQUAMARINE.....	Shipping your order via freight
TURQUOISE.....	Shipping your order via express
CAMEO.....	Shipping your order via parcel post
GARNET.....	Shipping your order via parcel post special delivery
JADE.....	Shipping your order via Air Mail

## GUARANTEE

Every electric tool has been carefully inspected before shipment and we guarantee to correct any defect due to faulty material or workmanship. Our obligation assumed under this guarantee is limited to making replacement of any part or parts returned to us at our factory, or to our authorized service stations, transportation charges prepaid, which prove to our satisfaction upon examination to have been defective and have not been misused or carelessly handled. We reserve the right to decline responsibility where repairs have been made or attempted by others. This guarantee is in lieu of any other liability on our electric tools or parts. None other is authorized.

THE CINCINNATI ELECTRICAL TOOL CO.

DIVISION OF THE R. K. LE BLOND MACHINE TOOL CO.

CINCINNATI 8, OHIO — U. S. A.